

## Notice of Allowability

**Application No.**

09/778,432

**Examiner**

Marc S. Zimmer

**Applicant(s)**

WHITE ET AL.

**Art Unit**

1712

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment dated March 29, 2004 and the telephone interview on June 1, 2004.
2. ☒ The allowed claim(s) is/are 24,25,27-30 and 32-36.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Robert O'Keefe on June 1, 2004.

The application has been amended as follows:

In claim 34, six lines from the bottom, please replace the words "a first" with

-- an intermediate --.

Please cancel claim 37.

Please replace existing claim 27 with,

27. (previously presented) The plastic material substrate according to claim 24, wherein  $R^1$  is a ligand produced from a compound of formula  $L^1COCH_2COL^2$  or  $L^3COCH_2COL^4$  wherein  $L^1, L^2, L^3, L^4$  are  $C_1$ - $C_4$  lower alkyl groups.

Applicant was advised in a telephone interview on the aforementioned date that new claim 37 recited precisely the same invention as did amended claim 24 of their response dated July 10, 2003 and, hence, would be subject to the same rejection if not canceled. Additionally, it was recommended that Applicant modify the wording in claim 34 describing the orientation of the (meth)acrylic or polysiloxane cured material such that it was clear that it was situated between the abrasion resistant layer comprising the

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metal oxalate and organoalkoxysilane and the abrasion resistant layer comprising the epoxy-functional silane, colloidal silica, and aluminum chelate. Applicant indicated they were amenable to both changes.

Claim 24 has been amended to remove mention of the methacrylic as a possible embodiment of the first abrasion resistant layer thereby invalidating the 103 rejection over the combination of Bier and Goosens. Claim 34, which was indicated as containing allowable subject matter has been amended to include all of the limitations of claim 24.

Claim 27 was rewritten to correct the status designation.

No additional prior art was located in an updated survey of the prior. Accordingly, claims 24-25, 27-30, and 32-36 are deemed allowable. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marc S. Zimmer whose telephone number is 571-272-1096. The examiner can normally be reached on Monday-Friday 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan can be reached on 571-272-1119. The fax phone

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number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

June 1, 2004

A handwritten signature in black ink, appearing to read "Margaret G. Moore". The signature is fluid and cursive, with the first name "Margaret" and last name "Moore" clearly distinguishable.

MARGARET G. MOORE  
PRIMARY PATENT EXAMINER  
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